

SHORT AND LONG WAVE RADIATION: ATLAS FLEX
 GILL SONIC ANEMOMETER
 RAIN GAGE, FLEX
 GILL SONIC ANEMOMETER, FLEX
 VIASALA WXT 520, FLEX

RAIN GAGE
 SOLAR LIGHT, FL(5) Y 20s

CO2 ANTENNA
 AT/RH, FLEX
 RADAR REFLECTOR
 AIR TEMPERATURE, RELATIVE HUMIDITY
 PAROS BAROMETER, FLEX

WRENCH TIGHTEN. WRAP 5ea. SAS WITH VALCUNIZING TAPE, SKOTCH KOTE, BLACK TAPE

RECOVERY HANDLE

pCO2 & FLEX SYSTEMS

1,210 METERS NYLON TOTAL
 3 SPLICED PIECES

3/4" SAS
 3/4" SAS
 5 TON MILLER SWIVEL
 3/4" SAS
 .5 M 3/4" CHAIN
 3/4" SAS
 1" SAS WITH 1" BUSHING

285 METERS 1" NYLON ROPE

1" TO 7/8" NYLON SPLICE

330 METERS 7/8" NYLON ROPE

7/8" TO 3/4" NYLON SPLICE

595 METERS 3/4" NYLON ROPE

5/8" SAS WITH BUSHING
 5/8" SAS WITH BUSHING

NYLON 3/4" NYLON TO DEPTH
 2618 METERS

5/8" SAS WITH BUSHING
 2 METER 1/2" CHAIN
 5/8" SAS
 5 TON SWIVEL
 5/8" SAS
 5/8" SAS

ACOUSTIC RELEASE

5/8" SAS
 .5 METER 1/2" CHAIN
 3/4" SAS WITH BUSHING

50 METERS 3/4" NYLON

3/4" SAS WITH BUSHING

.5 M 1/2" CHAIN

3/4" SAS

4 M 1/2" CHAIN

ALL SHACKLES BELOW THIS LINE WELDED

3/4" SAS
 1 M 1/2" CHAIN
 3/4" SAS

ANCHOR WEIGHT 6,850#, AIR
 ANCHOR WEIGHT 5,960#, WET

1 METER:
 "A": UW SBE-16 CTD/GTD/02/FLNTNTU
 "B": UW SAMI pH SENSOR

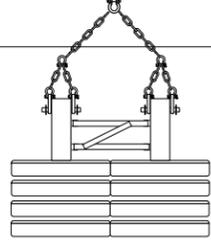
1 METER:
 ATLAS SSC
 SBE 37 TC

2 METER SENTINEL ADCP
 (80 m profile)
 DOUBLE NUT AND TORQUE ALL LOAD CELL NUTS TO 120#

CABLE BRACKET
 LOAD CELL
 1 1/4" SAS
 1 1/4" SAS
 2 LINKS 1" CHAIN
 1" SAS
 WRENCH TIGHTEN 3 SHACKLES

INDUCTIVE CABLE BREAKOUT

- 5 METERS SBE 39 T
- 10 METERS SBE 37 TC
- 16.1 METERS DVS/T
- 17 METERS SBE 39 TP
- 20 METERS SBE 37 TC
- 25 METERS SBE 37 TC
- 30 METERS SBE 37 TC
- 35.5 METERS AQUADOPP
- 37 METERS SBE 37 TC
- 45 METERS SBE 37 TC
- 60 METERS SBE 37 TC
- 80 METERS SBE 37 TC
- 100 METERS SBE 37 TC
- 120 METERS SBE 37 TC
- 150 METERS SBE 37 TC
- 175 METERS SBE 39 TP
- 200 METERS SBE 37 TC
- 300 METERS SBE 39 TP
- 325 METERS END OF WIRE



DEPTH: 4,220 METERS	
 NOAA-PMEL 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6149	
MOORING:	PA-004
LOCATION:	50N 145W
SCOPE:	.985 : 1
DRAWN BY:	Rick Miller
DATE:	9 JUNE 2010
	DATE: